

Br	ick Pug Mill Risk Assessm	ent	
Business Name:		ABN:	
Business Address:			
Contact Person:	Phone:	Emai	
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THIS RISK ASSESS	IENT IS APPROVED BY THE PC	BU ON Y PROJECT	
Under the Work Health and Safety Regulation (WHS Regulation), a p is prepared before the proposed work starts.	ndertaking PCBU required to ensu	re that a RISK ASSESSMENT	
Full Name:			
Signature:		ritle:	Date:
CL			
CL.	OR PRI CIR LCO. RACTORI	DETAILS	
Client:		SCOPE OF	WORKS
Project Name:			
Project Address:			
Project Manager:			
Contact Phone:			
Date Risk Assessment supplied to Project Manual.			



RISK MATRIX							
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE MA	JOR CATASTROPH			HIERARCHY OF CONTROLS
ALMOST CERTAIN	3 HIGH	3 HIGH		4 4 JTE ACUTE	SCORE	ACTION	Elimination Remove the hazard.
LIKELY	2 MODERATE	3 HIGH	U U U U U U U U U U U U U U U U U U U	4 4 JTE ACUTE	4A ACUTE	DO NOT PROCEED	Substitution Replace the hazard. Isolation
POSSIBLE	1 LOW	2 MODERATE		4 JTE ACUTE	3H HIGH	Rev before work art	Isolate People from the hazard Engineering Isolate the
UNLIKELY	1 LOW	1 LOW		3 Z GH ACU E	MC RATE	Ensure control measures in place.	Activité istrativ e Chang
RARE	1 LOW	1 LOW		3 GH H. 1	1L LOW	Monitor and keep records.	PP
 Method Statement (SWMS) or his er-level authorization is required. Review and approve additional cultrols from the first statement is required. Ensure all nominated controls are in prace and efficience of the cultion; monitor conditions. Proceed, following standard operating procedurer Monitor and keep records. 						Remember to apply controls in the preferred order shown by the coloured pyramid: Eliminate Substitute Isolate Engineering 	
Consequence		injury/illness)	Project / Ass	Significant regula	pliance / Reputat		Always document why a lower-order control is accepted if
Catastrophic Major	Fatality or perma Serious injury/illr days)			wn prosecution	Significant regulator intervention; criminal prosecution Improvement notice; major media coverage		elimination or substitution is not reasonably practicable. aligned with Safe Work Australia's Managing the risk of fatigue at
Moderate	Medical-treatmen	nt injury; lost-tim	e > 1 moderate dela	y Minor breach; ad	Minor breach; adverse client comment		work (2023) and ISO 45001:2018 clauses 6–8.
Minor	First-aid only, no	lost time	negligible dela	y Isolated non-con	formance		
			no schedule		eviation caught and corrected on site		



JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	manual handling, slippery surface	ЗН	 Conduct a pre-task briefing to highlight specific hardds. Ensure adequate lighting is available in work usa. Use anti-slip mats on slippery surfaces. Check for proper ventilation in the area. Provide adequate signage tomark hazardous a tass. Ensure PPE such as gloves and non-slip shoes allouser. Perform a many usanou prisk to essment. Limit the cateling of heav to ateriate o one to son only. Markelearly to used workways. Con to usegular to pections for risks throughout preparation. 	2M
2. Inspection of Equipment	equipment malfunction, electrical hazards		 Condult a through hyperction of all equipment by trained personnel. Condult a through hyperction of all equipment by trained personnel. Confirm electric systems are tagged and tested regularly. Keep or quipment maintenance log and update it frequently. Insure that a qualified electrician is available for any electrical issues. Disconnect all machinery before inspection. Use tools specifically designed for inspection tasks. Verify guards and safety devices are intact and functional. Provide adequate training on equipment checks. Use insulated tools when checking electrical hazards. Report any malfunctions for immediate repair. 	2M
3. Loading Clay into Mill	entanglement, dust inhalation	4A	 Train workers in proper loading techniques to avoid entanglement. Ensure all guards are fitted and secure before operation. Provide dust masks or respirators to workers. Implement local exhaust ventilation systems to control dust. Use automated systems for loading where possible. Encourage regular breaks to prevent fatigue. Instruct workers to keep loose clothing and hair secured. Clearly display emergency stop buttons around mills. 	2M



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			- Regularly clean the work area to manage dust.	
			- Develop emergency response plans for entanglement.	
4. Adjusting Machine Settings	caught-in hazards, incorrect settings	ЗН		1L
5. Operating the Mill	noise, contact with moving parts	44		2М
6. Monitoring Milling Process	overheating, system failure	ЗН		1L



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7. Unloading Process	manual handling, slips and trips	ЗН		2M
8. Cleaning Equipment and Area	chemical exposure, compects	JA		2M
9. Perform Maintenance	electrical hazards, falling objects	ЗН		1L

Version 2.5



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10. Reporting and Documentation	miscommunication, incomplete records	2M		1L
11. Shutting Down the Mill	equipment failure, residual energy hazards	ЗН		2M
12. Transporting Finished Products	loading hazards, struck-by objects	3H		2M

Version 2.5

Review Date:



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13. Training and Supervision	insufficient training, lack of supervision	ЗН		1L
14. Emergency Procedures	panic during emergency, inacequate escape routes	4A		2М
15. Environmental Monitoring	pollution, non-compliance with regulations	ЗН		1L



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16. Waste Management	hazardous waste, contamination	44		2M
17. Communication	misunderstanding, inadequate dissemination of information	ЗН		1L
18. Job Rotation	repetitive strain, overexposure to single task risks	3H		1L

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19. Health Surveillance	occupational illness, injury due to unfit conditions	44		2M
20. Continuous Improvement	stagnation, failure to adapt to new hazards	2M		1L



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EMERGENCY RESPONSE – CALL 000 FOR EMERGENCIES

Ensure to have an Emergency Management Plan in place as well as adequate numbers of trained first aid staff with easy access to fully stocked first aid kits, rescue equipment, material safety data sheets, adequate access to emergency communication equipment and fire-fighting equipment suitable for all classes of fire and ignition sources.

LEGISLATIVE RI	
	EPERENCES
RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGIS	SLATIVE REFERENCES ANY STATE AT ARE NOT APPLICABLE
Queensland & Australian Capital Territory Work Health and Safety Act 2011 Work Health and Safety Regulations 2011 Legislation QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws</u> Codes of Practice QLD: <u>https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice</u> Legislation ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations</u> Codes of Practice ACT: <u>https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice</u>	Victoria Orgapational Health and Safety Action 4 Occupational Health and Safety Action 4 Legis alon VIC: <u>https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and- gulat</u> Sulfas on vactice VIC <u>enttps://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice</u>
New South Wales Work Health and Safety Act 2011 Work Health and Safety Regulations 2017 Legislation NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati Codes of Practice NSW: https://www.safework.nsw.gov.au/legal-obligations/legislati	Western Australia Work Health and Safety Act 2020 Work Health and Safety Regulations 2022 Legislation Western Australia: <u>https://www.commerce.wa.gov.au/worksafe/legislation</u> Codes of Practice WA: <u>https://www.commerce.wa.gov.au/worksafe/codes-practice</u>
Northern Territory Work Health and Safety (National Uniform Legislation) Act 2011 Work Health and Safety (National Uniform Legislation) Regulation 2015 Legislation NT: <u>https://worksafe.nt.gov.au/laws-and-compliance/worplace-straws</u> Codes of Practice NT: <u>https://worksafe.nt.gov.au/formed-resourcestraws</u>	Safe Work Australia Links Law and Regulation (All States): <u>https://www.safeworkaustralia.gov.au/law-and-regulation</u> Model Codes of Practice: <u>https://www.safeworkaustralia.gov.au/resources-publications/model- codes-of-practice</u>
South Australia Work Health and Safety Act 2012 (SA) Work Health and Safety Regulations 2012 (SA) Legislation for SA: <u>https://www.safework.sa.gov.au/resources/legulation</u> Codes of Practice for SA: <u>https://www.safework.sa.gov.au/worf_aces/codes-of-practice#COPs</u>	Model Codes of Practice - Managing noise and preventing hearing loss at work - Confined spaces - Labelling of workplace hazardous chemicals - Managing risks of hazardous chemicals in the workplace - Welding processes
Tasmania Work Health and Safety Act 2012 Work Health and Safety (Transitional and Consequential Provisions) Act 2012 Work Health and Safety Regulations 2012 Work Health and Safety (Transitional) Regulations 2012 Legislation for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice Codes of Practice for TAS: https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice	 First aid in the workplace Managing the risk of falls at workplaces Hazardous manual tasks Managing the risk of falls in housing construction Managing electrical risks in the workplace Demolition work Excavation work
Details of permits, licenses or access required by regulatory bodies (add or delete as required): - Permits from local council - Authorisation to commence work - Any required documents.	 Work health and safety consultation, cooperation and coordination Managing the work environment and facilities How to manage work health and safety risks Managing risks of plant in the workplace Construction work